JC05 Rec'd PCT/PTO 2 6 SEP 2009

PATENT 5504-1167

in the u.s. patent and trademark office 10/550465

In re application of

Joel B. CHRISTIAN

Conf.

Application No. NEW NATIONAL PHASE

Group

Filed September 26, 2005

Examiner

TUNGSTEN-BASED ELECTROCATALYST AND FUEL CELL CONTAINING SAME

INFORMATION DISCLOSURE STATEMENT (SUBMISSION CONCURRENT WITH THE FILING OF A NEW PATENT APPLICATION)

Assistant Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

September 26, 2005

Sir.

Pursuant to 37 C.F.R. §§ 1.97 and 1.98, and in fulfillment of the duty of disclosure under 37 C.F.R. § 1.56, applicant(s) hereby submit(s) an Information Disclosure Statement for consideration by the Examiner.

I. LIST OF PATENTS, PUBLICATIONS OR OTHER INFORMATION

The patents, publications, or other information submitted for consideration by the Office are listed on PTO-1449, attached hereto.

II. COPIES

| \bowtie | Copies of | the U | .s. | patents | or pub | olications | are | not : | submitted |
|-----------|-----------|---------|-----|---------|--------|------------|-------|-------|-----------|
| _ | since the | USPTO | has | waived | their | submissior | n for | app. | lications |
| | filed aft | er June | 30, | 2003. | | | | | |

| П | Submitted herewith | n is a | legible | сору с | of (i) | each | foreign |
|---|-------------------------------------|-----------|---------------------|---------------------|--------------------|----------------|--------------------|
| | patent; (ii) each to be listed; and | publicati | ion or ' l other | that por informa | tion wh tion or | ıch ca that | used it portion |
| | which caused it to | be liste | d. | | | | |

| | This application is a National Phase of a PCT application. |
|---|---|
| _ | Some or all of the documents listed on the PTO-1449 are not |
| | enclosed because they were cited in the International Search |
| | Report and copies should have been forwarded from the |
| | International Search Authority pursuant to the trilateral |
| | agreement between the USPTO, EPO and JPO, or they are U.S. |
| | patents or U.S. published applications. If copies are needed, |
| | please contact the undersigned. |

JC05 Rec'd PCT/PTO 2 6 SEP 2005

| • | | | Docket No. 5504- <u>1</u> 167 |
|------|------------------------|-----------------|--|
| III. | CONC: | ISE EX | PLANATION OF THE RELEVANCE 10/55046! |
| | a. | | DOCUMENTS IN THE ENGLISH LANGUAGE |
| | | | The attached non U.S. patents, non U.S. patent application publications, foreign publications, or other information in the English language do not require a statement of relevancy. |
| | b. | | DOCUMENTS NOT IN THE ENGLISH LANGUAGE |
| | | | A concise explanation of the relevance of all patents, publications, or other information listed that is not in the English language is as follows: |
| | С. | \boxtimes | FOREIGN SEARCH REPORT OR ACTION |
| | | | An English language version of the search report or action that indicates the degree of relevance found by the foreign office is attached, thereby satisfying the requirement for a concise explanation. See MPEP 609(A)(3). |
| | d. | | OTHER |
| | | | The following additional information is provided for the Examiner's consideration. |
| | | | FEES . |
| conc | This urren efore | tly | ormation Disclosure Statement is being filed with the filing of a new patent application; see is required. |
| is r | If T | he Ex ted to | aminer has any questions concerning this IDS, he/she |
| | | | Respectfully submitted, |
| | | | YOUNG & THOMPSON |
| | | | Eric Jensen, Reg. No. 37,855 745 South 23 rd Street Arlington, VA 22202 Telephone (703) 521-2297 Telefax (703) 685-0573 (703) 979-4709 |
| EJ/i | a | | |
| Encl | osure | s: | Form PTO-1449(s) Documents |

Foreign Search Report

Other:____

 \boxtimes

JC05 Rec'd PCT/PTO 2 6 SEP 2005

| INFORMATION DISCLOSURE CITATION IN AN APPLICATION | | | | | Attorney Docket No.: 5504-1167 | | | Application No.: NEW NATIONAL PHASE | | | |
|---|----------------------------------|--------------|--|-----------------|--------------------------------|--|----------|-------------------------------------|------------------------------|-------------|--|
| | | | | | Applicant: Joel B. CHRISTIAN | 10 |)/ | 550 | 46 | 5 | |
| | (Use several sheets if ned | | Filing Date: September 26, 2005 | | Group Art Unit: | | | | | | |
| | | U | S. PATE | N | DOCUMENTS | | | | | | |
| Examiner Initial | Document Number | Date | | Name | | Class | Subclass | | Filing date (if appropriate) | | |
| | 4,910,181 | 3/20/ | 1990 | ΑN | IGEVINE ET AL. | | | | | | |
| | 2002/0111267 | 8/15/2002 | | CH | RISTIAN ET AL. | | | | | | |
| | 3,507,701 | | | BR | ROYDE | | | | | | |
| | 4,339,424 | | | JACOBSON ET AL. | | | | | | | |
| | 1,000,121 | 1 | | | | | | | | | |
| | | | | | | | | | | | |
| | | ļ | | | | | | | | | |
| | | | | | | | + | | | | |
| | | ļ | | | | | | | | | |
| | | <u> </u> | | | | ļ | | | | | |
| | | | | | | 1 | | | | | |
| | | + | | | | | - | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | <u>. </u> | | | | | |
| | | F | OREIGN P. | ΑTI | ENT DOCUMENTS | | | | | | |
| Examiner | Document Number Date | | | Country C | | | Subclass | s Translation | | | |
| Initial | | | | | | | | | Yes No | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | ļ. <u> </u> | | |
| | | | ļ | | | | | <u> </u> | | ļ <u>-</u> | |
| | | | | | | _ | | | | | |
| | | | 1 | - | | | | | | | |
| | | | | | | | | | | - | |
| ļL | | | <u>. </u> | | | | | L | <u> </u> | | |
| | OTHER DOCUM | IENTS | (Including | Αι | uthor, Title, Date, Pertinent | Pages | 5, Et | c.) | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | $\overline{}$ | DATE CONSIDERED | | | | | | |
| EXAMINER: | | | | | DATE CONSIDERED | | | | | | |
| EXAMINE | R: Initial if citation considere | d, whet | ner or not cit | atic | on is in conformance with MPEF | § 609. | Dra | w line thro | ough cita | tion if | |
| not in conf | ormance and not considered | l. Includ | le copy of th | is fo | orm with next communication to | the app | olicar | nt. | | | |

^{*} English language abstract provided for the Examiner's convenience